IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Brian D. Trotter et al.

Assignee:

Cirrus Logic, Inc.

Title:

MULTIBIT DELTA-SIGMA MODULATOR WITH VARIABLE-LEVEL

QUANTIZER

Serial No.:

to be assigned

Filing Date:

On or about October 31,

2003

Examiner:

Group Art Unit:

Docket No.:

1451-CA

Austin, Texas October 31, 2003

Mail Stop Patent Application COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, the documents listed on the accompanying PTO Form-1449 are called to the attention of the Examiner for the above-identified patent application. Copies of any non-U.S. patents are enclosed.

Citation of these documents shall not be construed as an admission that the documents are necessarily prior art with respect to the subject invention, a representation that a search has been made, or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on October 31, 2003.

ttorney for Applicantis

Date of Signat

Respectfully submitted,

Jack V. Musgrove

Attorney for Applicant(s)

Reg. No. 31,986

PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are

Substitute for form 1449/PTO	Complete if Known		
	Application Number	to be assigned	
INFORMATION DISCLOSURE	Filing Date	On or about 10/31/03	
	First Named Inventor	Brian Trotter et al.	
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 1 of 1	Attorney Docket Number	1451-CA	

Examiner	Cito	Danis and Niverban		DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		Number-Kind Code ² (I known)			1 igures Appear
		^{US-} 6,331,833	12-18-2001	Naviasky et al.	
		^{US-} 6,556,159	4-29-2003	Fei et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	1	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

Transtation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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